

Product datasheet for PH324192

POU6F2 (NM_007252) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | POU6F2 MS Standard C13 and N15-labeled recombinant protein (NP_009183) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC224192 |
| Predicted MW: | 73.3 kDa |
| Protein Sequence: | >RC224192 representing NM_007252 Red=Cloning site Green=Tags(s) |

MSALLQDPMIAGQVSKPLLSVRSEMNAELRGEDKAATSDSELNEPLLAPVESNDSSEDTPSKLFGARGNPA
LSDPGTPDQHQASQTHPPFPVGPQPLLTAQQLASAVAGVMPGGPALNQPILIPFNMAGQLGGQQGLVLT
LPTANLNIQGLVAAAAAGGIMTLPLQNLQATSSLNSQLQQLQLLQQQQQQQQPPSTNQHPQPAPQ
APSQSQQLPQTPPPQPPASQPPAPTSQLQQAPQPQQHQPHSHSQNQNPSPPTQQSSPPQKPSQSP
GHGLPSPLTPPNPLQLVNNPLASQAAAAAAMSSIASQAAGNALSSLQGVGTGQLVTNAQGQIIGTIPLM
PNPQPSSQAASGTQGLQVQPIPTPQLL TNAQGQIIATVIGNQILPVINTQGITLSPKPGQQLHQPSQTSV
GQAASQGNLLHLAHSQASMSQSPVRQASSSSSSSSSSALSVGQLVSNPQTAAGEVDGVNLEEIREFAKA
FKIRRLSLGLTQTQVGQALSATEGPAYSQSAICRHTILRSHFFLPQEAQENTIASSLTAKLNPGLLYPAR
FEKLDITPKSAQKIKPVLERWMAEAEARHRAGMQNLTEFIGSEPSKRRKRRTSFTPQALEILNAHFENKNT
HPSQGEMTEIAEKLNYDREVVVRWFCNKRQALKNTIKRLKQHEPATAVPLEPLTDSLEENS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | <u>NP_009183</u> |
| RefSeq Size: | 2324 |



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RefSeq ORF: 2073

Synonyms: RPF-1; WT5; WTSL

Locus ID: 11281

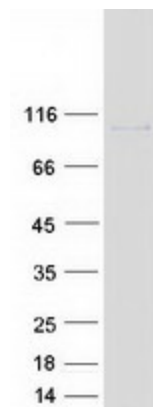
UniProt ID: [P78424](#)

Cytogenetics: 7p14.1

Summary: This gene encodes a member of the POU protein family characterized by the presence of a bipartite DNA binding domain, consisting of a POU-specific domain and a homeodomain, separated by a variable polylinker. The DNA binding domain may bind to DNA as monomers or as homo- and/or heterodimers, in a sequence-specific manner. The POU family members are transcriptional regulators, many of which are known to control cell type-specific differentiation pathways. This gene is a tumor suppressor involved in Wilms tumor (WT) predisposition. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.[provided by RefSeq, Oct 2009]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified POU6F2 protein (Cat# [TP324192]). The protein was produced from HEK293T cells transfected with POU6F2 cDNA clone (Cat# [RC224192]) using MegaTran 2.0 (Cat# [TT210002]).